

Amendments To the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 Claim 1 (canceled).

1 Claim 2 (currently amended): A nonvolatile storage system comprising:
2 a controller capable of receiving commands from a host; and
3 a nonvolatile memory storage coupled to said controller, said storage organized [in]
4 into blocks, one or more blocks caused to be identified by a group of logical block addresses
5 corresponding to a predetermined group of sectors, each block including two or more sectors,
6 wherein said controller, in response to receiving a command from said host to rewrite
7 one or more sectors of data that are stored in said one or more blocks, writes said data for
8 said one or more sectors of data to be rewritten to one or more new blocks caused to be
9 identified by said group of logical block addresses without moving or copying the data in
10 the sectors in said one or more blocks that the host did not specify to be rewritten in the
11 command.

1 Claim 3 (currently amended): A nonvolatile storage system comprising:
2 a host for sending commands;
3 a controller coupled to said host for receiving host commands; and
4 nonvolatile storage coupled to said controller for storing sector information organized into
5 blocks, one or more blocks caused to be identified by a group of logical block addresses
6 corresponding to a predetermined group of sectors, and each block including two or more
7 sectors,
8 wherein said controller receives a command from said host for writing updated one or
9 more sector information into a location within the nonvolatile storage defined by said one
10 or more blocks having previously-written sector information, other than that being updated

11 by the host command, and wherein said controller writes said updated one or more sector
12 information into one or more new blocks caused to be identified by said group of logical
13 block addresses thereby avoiding moving or copying all of the previously-written sector
14 information every time the host sends a command.

1 Claim 4 (previously presented): A nonvolatile storage system as recited in claim 3
2 wherein the controller further receives additional commands from the host for further
3 writing, one or more times, sector information without moving the previously-written
4 sector information every time sector information is updated.

1 Claim 5 (previously presented): A nonvolatile storage system as recited in claim 3
2 wherein the previously-written sector information is moved from the particular block at a
3 time later than when the controller writes said updated one or more sector information to
4 said new block.

1 Claim 6 (previously presented): A nonvolatile storage system as recited in claim 5 wherein the
2 particular block is erased at a time later than when the previously-written sector information is
3 moved from the particular block.

1 Claim 7 (currently amended): A nonvolatile storage system comprising:
2 a host for sending commands;
3 a controller coupled to said host for receiving host commands; and
4 nonvolatile storage coupled to said controller for storing sector information organized
5 into blocks, each block having two or more sectors for storing sector information, one or more
6 blocks caused to be identified by a group of logical block addresses corresponding to a
7 predetermined group of sectors, and each block including two or more sectors,
8 wherein said controller receives a command from said host for writing updated one
9 or more, but not all, sector information into a location within the nonvolatile storage

10 defined by said one or more blocks having previously-written sector information, other
11 than that being updated by the host command, and wherein said controller writes said
12 updated one or more sector information to one or more new blocks caused to be identified
13 by said group of logical block addresses thereby avoiding moving or copying all the
14 previously-written sector information every time the host sends a write command.

1 G | Claim 8 (previously presented): A nonvolatile storage system as recited in claim 7
2 wherein the controller further receives additional commands from the host for further
3 writing, one or more times, sector information without moving the previously-written
4 sector information every time sector information is updated.

1 Claim 9 (previously presented): A nonvolatile storage system as recited in claim 7
2 wherein the previously-written sector information is moved from the particular block at a
3 time later than when the controller writes said updated one or more sector information to
4 said new block.

1 Claim 10 (previously presented): A nonvolatile storage system as recited in claim 9
2 wherein the particular block is erased at a time later than when the previously-written
3 sector information is moved from the particular block.

1 Claim 11 (currently amended): A method of updating information in nonvolatile
2 storage having a controller coupled to a host and the nonvolatile storage comprising:
3 receiving a command from the host for updating one or more sector information into a
4 location within the nonvolatile storage defined by a particular block having previously-written
5 sector information other than that being updated by the host command, said particular block
6 caused to be identified by a group of logical block addresses, corresponding to a
7 predetermined group of sectors, and including two or more sectors;
8 selecting one or more new blocks within the nonvolatile storage; and

9 writing said updated one or more sector information to said one or more new blocks
10 caused to be identified by said group of logical block addresses without moving or copying
11 the previously-written sector information.

1 G1 Claim 12 (previously presented): A method of updating information as recited in claim 11
2 further including the step of receiving further commands from the host for further updating,
3 one or more times, sector information wherein the previously-written sector information is not
4 moved every time sector information is updated.

1 Claim 13 (previously presented): A method of updating information as recited in claim 11
2 further including the step of moving the previously-written sector information from the
3 particular block at a time later than said writing step.

1 Claim 14 (previously presented): A method of updating information as recited in claim 13
2 further including erasing the particular block at a time later than said moving step.

1 Claim 15 (currently amended): A nonvolatile storage system comprising:
2 a controller capable of receiving commands from a host; and
3 a nonvolatile memory storage, coupled to said controller, said storage organized into
4 blocks, each block having two or more sectors for storing sector information,
5 wherein said controller, in response to receiving a first write command from the host to
6 rewrite a first sector information defined by one or more sectors of information that are stored
7 in a particular block, said particular block caused to be identified by a group of logical block
8 addresses, corresponding to a predetermined group of sectors, and including two or more
9 sectors, writes said first sector information to one or more new blocks, said one or more new
10 blocks caused to be identified by said group of logical block addresses, without moving or
11 copying sector information previously-stored in the sectors of said particular block and not
12 specified by the host in the command to be rewritten, said controller, in response to receiving
13 a second write command from the host to rewrite a second sector information defined by
14 sector information within the particular block that is other than the particular sector

G 1 15 information, rewrites the second sector information into the particular block without moving
16 the first sector information and thereby preventing moving sector information every time a
17 write command is received from the host.
